

Amendments to the Specification:

Please replace the paragraph beginning on page 36, line 11 with the following amended paragraph:

In FIG. 10, for example, the cellular network topology 1010 illustrates the exemplary cells 1030-1040 utilizing frequency plans resulting from the integration of RF channel filter components 562, 564, 566 that have refined the transmitted sectors to 20 MHz of channel separation as characterized in FIG. 10G. The sector transmitting on channel 11 of the northernmost exemplary cell 1034 (highlighted in gray), for example, is experiencing high-power adjacent channel interference or co-channel intersymbol interference. The frequency optimization utility may then register a significant aggregate decrease in the collective signal-to-noise ratios of the CPE devices 170 residing in that specific cell sector. The frequency optimization utility of the exemplary cell 1034 may then attempt to optimize the exemplary cell 1034 by selecting channel 7, which is a non-contested channel. This action effectively rotates the channel plan of the exemplary cell 1034 by 120 degrees in a clockwise direction as shown in the optimized cellular network topology 1020.